# ANNUAL INDEX **VOLUME 18** 1987

## PROFESSIONAL COURSES

- Digital Image Processing, Part 2—Techniques, John Molinari, Data Translation, Inc. (103)70
- Digital Image Processing, Part 3—Image Processing from a VCR with a PC, John Molinari, Data Translation, Inc.
- Digital Image Processing, Part 4—Applications—New Eyes for Doctors, John Molinari, Data Translation, Inc., and Robert J. Porter, Jr. (105)85
- -Personal Computing, Part 15, Milton H. Aronson (103)76
- PC-Personal Computing, Part 16, Milton H. Aronson (104)96
- PC-Personal Computing, Part 17, Milton H. Aronson (105)80
- PC-Personal Computing, Part 18-Cursor Control with Text, Milton H. Aronson (106)70
- PC-Personal Computing, Part 19-Delete Copy, Move Copy and Print with "Text", Milton H. Aronson (107)26
- PC—Personal Computing, Part 20—Word Processing with PFS Professional Write, Milton H. Aronson (108)24
- Pulmonary/Respiratory, Part 7—Anesthesia Monitoring, Philip F. Nuzzo, Novametrix Medical Systems Inc. (104)92
- Pulmonary/Respiratory, Part 8-Ventilator Performance Testing, Terry Torzala (105)70
- Pulmonary/Respiratory, Part 9-Pulse Oximetry in Pulmonary Rehabilitation, Cynthia M. Nelson and Everett M. Murphy (106)62
- Spectroscopy, Part 1-Electromagnetic Radiation—Energy and Wavelength Relationship, Chia-yu Li, Ph.D., East Carolina University (107)24
- Spectroscopy, Part 2-Absorption of Radiation and Absorption Spectra, Chiayu Li, Ph.D., East Carolina University (108)69
- 10 Basic Concepts for Science and Engineering, Part 4-The Sine Wave, Milton H. Aronson (103)78

- 10 Basic Concepts for Science and Engineering, Part 5-The S Plane, Milton H. Aronson (104)100
- 10 Basic Concepts for Science and Engineering, Part 6-The LaPlace Transform, Milton H. Aronson (105)82
- 10 Basic Concepts for Science and Engineering, Part 7-C and L, Milton H. Aronson (106)72
- 10 Basic Concepts for Science and Engineering, Part 8-The Log Concept, Milton H. Aronson (107)78
- 10 Basic Concepts for Science and Engineering, Part 9-Binary Arithmetic and Logic, Milton H. Aronson (108)26

#### ARTICLES

- Angiodynography, Martin H. Lindenberg, M.D., M.B.A., Quantum Medical Systems, Inc. (107)12
- Automated Ambulatory Blood Pressure Monitoring, A Public Health Service Assessment (104)102
- The Biomedical Engineering Department, Part 1-Medical Electronics Equipment Maintenance, Richard B. Shreve, Good Samaritan Hospital (108)108
- CAI-Computer Assisted Instruction, Michael Anbar, University at Buffalo, SUNY (104)118
- Clinical Data Collection and Analysis, John Kohler, Convergent Technologies Inc., and Michael Scheuerman, Infomed Corporation (107)97
- ECG Analysis, IV Drug Delivery and Patient Monitoring, Louis C. Lax, M.D., Ph.D., Ambulatory Monitoring Labs., Inc. (107)14
- Electronic Balances, Fred S. Haas, Brinkmann Instruments (107)102
- Electronic vs Film Imaging, Kalman N. Vizy, Eastman Kodak Company (105)
- Evoked Potential Monitoring, David R. Hampton, Ph.D., Cadwell Labs (103)
- Fluoroptic Thermometry, K.A. Wickersheim, Ph.D. and M.H. Sun, Ph.D., Luxtron Corp. (103)84
- Heart Rate Technology, Gregory Lekhtman, Ph.D., Biosig Instruments Inc. (108)116

First number is issue; second number is page. (94)109 Issue 94, Page 109

Issue 103 = February, 1987

ssue 104 = April, 1987

Issue 105 = June, 1987 Issue 106 = September, 1987 Issue 107 = October, 1987

sue 108 = December, 1987

- Image Computers and Image Processing, Gerald Rogers and James Fontaine, Visual Information Technologies, Inc. (108)113
- Image Transmission, Dr. C. Gene Coin (106)74
- In-Office Stress Test System, Robert J. Sudol, Circadian (107)108
- Laboratory Computer System for the Critical Care Environment, David Chou, M.D. and Frederick Van Lente, Ph.D., The Cleveland Clinic Foundation (103)94
- Laboratory Robots Improve Productivity and Quality Control, Dr. D. L. Greene, Fisher Scientific Company (104)115
- Medical Engineering at the New England Medical Center, Part 1—Technology for Hospitals-Revisited, David P. Harrington, New England Medical Center (104)126
- Medical Engineering at the New England Medical Center, Part 2, David P. Harrington, New England Medical Center (105)98
- Medical Engineering at the New England Medical Center, Part 3, David P. Harrington, New England Medical Center (106)97
- Medical Engineering, Part 4—Six Cases Show How Poorly Technology is Used to Prevent Problems, David P. Harrington, New England Medical Center (108)22
- Medical Office Management, Tom Pautz, Prose Software (107)100
- Metabolism Measurement, University of Texas (104)129
- Protecting Digital Equipment from Power Line Disturbances, Part 1-System Sensitivity, The Electric Utility and Your Hospital Environment, James D. Vail, Oneac Corporation (108)90
- Protecting Medical Equipment from Power Anomalies, Peter Carpenter and Kurt Adams, L.E.A. Dynatech, Inc. (105)95
- Radiology Information Management, Mary Y. Fox, Digital Equipment Corporation (106)76
- RSA-Respiratory Sinus Arrhythmia, Mark A. Sommer and John Berestka, B.S., University of Minnesota Hospital (104)112

# ANNUAL INDEX **VOLUME 18** 1987

## PROFESSIONAL COURSES

- Digital Image Processing, Part 2—Techniques, John Molinari, Data Translation, Inc. (103)70
- Digital Image Processing, Part 3—Image Processing from a VCR with a PC, John Molinari, Data Translation, Inc.
- Digital Image Processing, Part 4—Applications—New Eyes for Doctors, John Molinari, Data Translation, Inc., and Robert J. Porter, Jr. (105)85
- -Personal Computing, Part 15, Milton H. Aronson (103)76
- PC-Personal Computing, Part 16, Milton H. Aronson (104)96
- PC-Personal Computing, Part 17, Milton H. Aronson (105)80
- PC-Personal Computing, Part 18-Cursor Control with Text, Milton H. Aronson (106)70
- PC-Personal Computing, Part 19-Delete Copy, Move Copy and Print with "Text", Milton H. Aronson (107)26
- PC—Personal Computing, Part 20—Word Processing with PFS Professional Write, Milton H. Aronson (108)24
- Pulmonary/Respiratory, Part 7—Anesthesia Monitoring, Philip F. Nuzzo, Novametrix Medical Systems Inc. (104)92
- Pulmonary/Respiratory, Part 8-Ventilator Performance Testing, Terry Torzala (105)70
- Pulmonary/Respiratory, Part 9-Pulse Oximetry in Pulmonary Rehabilitation, Cynthia M. Nelson and Everett M. Murphy (106)62
- Spectroscopy, Part 1-Electromagnetic Radiation—Energy and Wavelength Relationship, Chia-yu Li, Ph.D., East Carolina University (107)24
- Spectroscopy, Part 2-Absorption of Radiation and Absorption Spectra, Chiayu Li, Ph.D., East Carolina University (108)69
- 10 Basic Concepts for Science and Engineering, Part 4-The Sine Wave, Milton H. Aronson (103)78

- 10 Basic Concepts for Science and Engineering, Part 5-The S Plane, Milton H. Aronson (104)100
- 10 Basic Concepts for Science and Engineering, Part 6-The LaPlace Transform, Milton H. Aronson (105)82
- 10 Basic Concepts for Science and Engineering, Part 7-C and L, Milton H. Aronson (106)72
- 10 Basic Concepts for Science and Engineering, Part 8-The Log Concept, Milton H. Aronson (107)78
- 10 Basic Concepts for Science and Engineering, Part 9-Binary Arithmetic and Logic, Milton H. Aronson (108)26

#### ARTICLES

- Angiodynography, Martin H. Lindenberg, M.D., M.B.A., Quantum Medical Systems, Inc. (107)12
- Automated Ambulatory Blood Pressure Monitoring, A Public Health Service Assessment (104)102
- The Biomedical Engineering Department, Part 1-Medical Electronics Equipment Maintenance, Richard B. Shreve, Good Samaritan Hospital (108)108
- CAI-Computer Assisted Instruction, Michael Anbar, University at Buffalo, SUNY (104)118
- Clinical Data Collection and Analysis, John Kohler, Convergent Technologies Inc., and Michael Scheuerman, Infomed Corporation (107)97
- ECG Analysis, IV Drug Delivery and Patient Monitoring, Louis C. Lax, M.D., Ph.D., Ambulatory Monitoring Labs., Inc. (107)14
- Electronic Balances, Fred S. Haas, Brinkmann Instruments (107)102
- Electronic vs Film Imaging, Kalman N. Vizy, Eastman Kodak Company (105)
- Evoked Potential Monitoring, David R. Hampton, Ph.D., Cadwell Labs (103)
- Fluoroptic Thermometry, K.A. Wickersheim, Ph.D. and M.H. Sun, Ph.D., Luxtron Corp. (103)84
- Heart Rate Technology, Gregory Lekhtman, Ph.D., Biosig Instruments Inc. (108)116

First number is issue; second number is page. (94)109 Issue 94, Page 109

Issue 103 = February, 1987

ssue 104 = April, 1987

Issue 105 = June, 1987 Issue 106 = September, 1987 Issue 107 = October, 1987

sue 108 = December, 1987

- Image Computers and Image Processing, Gerald Rogers and James Fontaine, Visual Information Technologies, Inc. (108)113
- Image Transmission, Dr. C. Gene Coin (106)74
- In-Office Stress Test System, Robert J. Sudol, Circadian (107)108
- Laboratory Computer System for the Critical Care Environment, David Chou, M.D. and Frederick Van Lente, Ph.D., The Cleveland Clinic Foundation (103)94
- Laboratory Robots Improve Productivity and Quality Control, Dr. D. L. Greene, Fisher Scientific Company (104)115
- Medical Engineering at the New England Medical Center, Part 1—Technology for Hospitals-Revisited, David P. Harrington, New England Medical Center (104)126
- Medical Engineering at the New England Medical Center, Part 2, David P. Harrington, New England Medical Center (105)98
- Medical Engineering at the New England Medical Center, Part 3, David P. Harrington, New England Medical Center (106)97
- Medical Engineering, Part 4—Six Cases Show How Poorly Technology is Used to Prevent Problems, David P. Harrington, New England Medical Center (108)22
- Medical Office Management, Tom Pautz, Prose Software (107)100
- Metabolism Measurement, University of Texas (104)129
- Protecting Digital Equipment from Power Line Disturbances, Part 1-System Sensitivity, The Electric Utility and Your Hospital Environment, James D. Vail, Oneac Corporation (108)90
- Protecting Medical Equipment from Power Anomalies, Peter Carpenter and Kurt Adams, L.E.A. Dynatech, Inc. (105)95
- Radiology Information Management, Mary Y. Fox, Digital Equipment Corporation (106)76
- RSA-Respiratory Sinus Arrhythmia, Mark A. Sommer and John Berestka, B.S., University of Minnesota Hospital (104)112

- SIDS—Sudden Infant Death Syndrome, Dr. Anne Christake Cornwell, Flushing Hospital and Medical Center (106)91
- TAP—Transesophageal Atrial Pacing, Barbara Phillips, Ph.D., Hossein Jadvar, M.S., M.S.E., and Michael A. Lang, B.S., Arzco Medical Electronics (108)20
- Transtelephonic ECG Transmission for Remote Cardiac Rehabilitation, Jane Howard, M.D. and Dennis Hepp, FutureCare Systems, Inc. (105)90
- Trends in Patient Monitoring, Glenn Pelikan, SpaceLabs, Inc. (103)80
- 2-D Echocardiography for Right Ventricular Analysis, Ioannis P. Panidis, Jian-Fang Ren, Morris N. Kotler, Gary Mintz, Abdulmassih Iskandrian, John Ross and Sally Kane, Hahnemann University (106)82
- Ultrasound Transducers, Denes Roveti, Ohmic Instruments Co. (103)102
- Video: Prescription for Health-Care Training, Ronald S. Herman, General Television Network (108)98
- Workstations in the Health-Care Environment, John F. Jordan, IBM (103)113
- X-Rays Stored Digitally, Patrick Boyle (107)94

#### **AUTHORS**

- Adams, Kurt, and Peter Carpenter, LE.A. Dynatech, Inc., Protecting Medical Equipment From Power Anomalies (105)95
- Anbar, Michael, University at Buffalo, SUNY, CAI—Computer Assisted Instruction (104)118
- Aronson, Milton H., PC—Personal Computing, Part 15 (103)76
- Aronson, Milton H., PC—Personal Computing, Part 16 (104)96
- Aronson, Milton H., PC—Personal Computing, Part 17 (105)80
- Aronson, Milton H., PC—Personal Computing, Part 18—Cursor Control With Text (106)70
- Aronson, Milton H., PC—Personal Computing, Part 19—Delete Copy, Move Copy and Pring With "Text" (107)26
- Aronson, Milton H., PC—Personal Computing, Part 20—Word Processing with PFS Professional Write (108)24
- Aronson, Milton H., 10 Basic Concepts for Science and Engineering, Part 4—The Sine Wave (103)78
- Aronson, Milton H., 10 Basic Concepts for Science and Engineering, Part 5—The S Plane (104)100
- Aronson, Milton H., 10 Basic Concepts for Science and Engineering, Part 6—The LaPlace Transform (105)82
- Aronson, Milton H., 10 Basic Concepts for Science and Engineering, Part 7—C and L (106)72
- Aronson, Milton H., 10 Basic Concepts for Science and Engineering, Part 8—The Log Concept (107)78

- Aronson, Milton H., 10 Basic Concepts for Science and Engineering, Part 9—Binary Arithmetic and Logic (108)26
- Berestka, John, B.S., and Mark A. Sommer, University of Minnesota Hospital, RSA—Respiratory Sinus Arrhythmia (104)112
- Boyle, Patrick, X-Rays Stored Digitally (107)94
- Carpenter, Peter, and Kurt Adams, L.E.A. Dynatech, Inc., Protecting Medical Equipment From Power Anomalies (105)95
- Chou, David, M.D., and Frederick Van Lente, Ph.D., The Cleveland Clinic Foundation, A Laboratory Computer System for the Critical Care Environment (103)94
- Coin, Dr. C. Gene, Image Transmission (106)74
- Cornwell, Dr. Anne Christake, Flushing Hospital and Medical Center, SIDS— Sudden Infant Death Syndrome (106)91
- Fontaine, James, and Gerald Rogers, Visual Information Technologies, Inc., Image Computers and Image Processing (108)113
- Fox, Mary Y., Digital Equipment Corporation, Radiology Information Management (106)76
- Greene, Dr. D.L., Fisher Scientific Company, Laboratory Robots Improve Productivity and Quality Control (104)115
- Haas, Fred S., Brinkmann Instruments, Electronic Balances (107)102
- Hampton, David R., Ph.D., Cadwell Labs, Evoked Potential Monitoring (103)108
- Harrington, David P., New England Medical Center, Medical Engineering at the New England Medical Center, Part 1—Technology for Hospitals—Revisited (104)126
- Harrington, David P., New England Medical Center, Medical Engineering at the New England Medical Center, Part 2 (105)98
- Harrington, David P., New England Medical Center, Medical Engineering at the New England Medical Center, Part 3 (106)97
- Harrington, David P., New England Medical Center, Medical Engineering, Part

  4—Six Cases Show How Poorly Technology is Used to Prevent Problems
  (108)22
- Hepp, Dennis, and Jane Howard, M.D., FutureCare Systems, Inc., Transtelephonic ECG Transmission for Remote Cardiac Rehabilitation (105)90
- Herman, Ronald S., General Television Network, Video: Prescription for Health-Care Training (108)98
- Howard, Jane, M.D., and Dennis Hepp, FutureCare Systems, Inc., Transtelephonic ECG Transmission for Remote Cardiac Rehabilitation (105)90
- Iskandrian, Abdulmassih, John Ross, Sally Kane, Ioannis P. Panidis, Jian-Fang Ren, Morris N. Kotler, and Gary Mintz, Hahnemann University, 2-D Echocardiography for Right Ventricular Analysis (106)82

- Jadvar, Hossein, M.S., M.S.E., Michael A. Lang, B.S., and Barbara Phillips, Ph.D., Arzco Medical Electronics, TAP— Transesophageal Atrial Pacing (108)20
- Jordan, John F., IBM, Workstations in the Health-Care Environment (103)113
- Kane, Sally, Ioannis P. Panidis, Jian-Fang Ren, Morris N. Kotler, Gary Mintz, Abdulmassih Iskandrian, and John Ross, Hahnemann University, 2-D Echocardiography for Right Ventricular Analysis (106)82
- Kohler, John, Convergent Technologies Inc., and Michael Scheuerman, Infomed Corporation, Clinical Data Collection and Analysis (107)97
- Kotler, Morris N., Gary Mintz, Abdulmassih Iskandrian, John Ross, Sally Kane, Ioannis P. Panidis, and Jian-Fang Ren, Hahnemann University, 2-D Echocardiography for Right Ventricular Analysis (106)82
- Lang, Michael A., B.S., Barbara Phillips, Ph.D., and Hossein Jadvar, M.S., M.S.E., Arzco Medical Electronics, TAP—Transesophageal Atrial Pacing (108)20
- Lax, Louis C., M.D., Ph.D., Ambulatory Monitoring Labs., Inc., ECG Analysis, IV Drug Delivery and Patient Monitoring (107)14
- Lekhtman, Gregory, Ph.D., Biosig Instruments Inc., Heart Rate Technology (108)116
- Li, Chia-yu, Ph.D., East Carolina University, Spectroscopy, Part 1—Electromagnetic Radiation—Energy and Wavelength Relationship (107)24
- Li, Chia-yu, Ph.D., East Carolina University, Spectroscopy, Part 2—Absorption of Radiation and Absorption Spectra (108)69
- Lindenberg, Martin H., M.D., M.B.A., Quantum Medical Systems, Inc., Angiodynography (107)12
- Mintz, Gary, Abdulmassih Iskandrian, John Ross, Sally Kane, Ioannis P. Panidis, Jian-Fang Ren, and Morris N. Kotler, Hahnemann University, 2-D Echocardiography for Right Ventricular Analysis (106)82
- Molinari, John, Data Translation, Inc., Digital Image Processing, Part 2—Techniques (103)70
- Molinari, John, Data Translation, Inc., Digital Image Processing, Part 3— Image Processing From a VCR With a PC (104)86
- Molinari, John, and Robert J. Porter, Jr., Data Translation, Inc., Digital Image Processing, Part 4—Applications—New Eyes for Doctors (105)85
- Murphy, Everett M., and Cynthia M. Nelson, Pulmonary/Respiratory, Part 9—Pulse Oximetry in Pulmonary Rehabilitation (106)62
- Nelson, Cynthia M., and Everett M. Murphy, Pulmonary/Respiratory, Part 9—Pulse Oximetry in Pulmonary Rehabilitation (106)62
- Nuzzo, Philip F., Novametrix Medical Systems Inc., Pulmonary/Respiratory, Part 7—Anesthesia Monitoring (104)92

# 1987 ANNUAL INDEX Continued

- Panidis, Ioannis P., Jian-Fang Ren, Morris N. Kotler, Gary Mintz, Abdulmassih Iskandrian, John Ross and Sally Kane, Hahnemann University, 2-D Echocardiography for Right Ventricular Analysis (106)82
- Pautz, Tom, Prose Software, Medical Office Management (107)100
- Pelikan, Glenn, SpaceLabs, Inc., Trends in Patient Monitoring (103)80
- Phillips, Barbara, Ph.D., Hossein Jadvar, M.S., M.S.E., and Michael A. Lang, B.S., Arzco Medical Electronics, TAP— Transesophageal Atrial Pacing (108)20
- Porter, Robert J., Jr., and John Molinari, Data Translation, Inc., Digital Image Processing, Part 4—Applications—New Eyes for Doctors (105)85
- Public Health Service Assessment, Automated Ambulatory Blood Pressure Monitoring (104)102
- Ren, Jian-Fang, Morris N. Kotler, Gary Mintz, Abdulmassih Iskandrian, John Ross, Sally Kane, and Ioannis P. Panidis, Hahnemann University, 2-D Echocardiography for Right Ventricular Analysis (106)82
- Rogers, Gerald, and James Fontaine, Visual Information Technologies, Inc., Image Computers and Image Processing (108)113
- Ross, John, Sally Kane, Ioannis P. Panidis, Jian-Fang Ren, Morris N. Kotler, Gary Mintz, and Abdulmassih Iskandrian, Hahnemann University, 2-D Echocardiography for Right Ventricular Analysis (106)82
- Roveti, Denes, Ohmic Instruments Co., Ultrasound Transducers (103)102
- Scheuerman, Michael, Infomed Corporation, and John Kohler, Convergent Technologies Inc., Clinical Data Collection and Analysis (107)97
- Shreve, Richard B., Good Samaritan Hospital, The Biomedical Engineering Department, Part 1—Medical Electronics Equipment Maintenance (108)108
- Sommer, Mark A., and John Berestka, B.S., University of Minnesota Hospital, RSA—Respiratory Sinus Arrhythmia (104)112
- Sudol, Robert J., Circadian, In-Office Stress Test System (107)108
- Sun, M.H., Ph.D. and K.A. Wickersheim, Ph.D., Luxtron Corp., Fluoroptic Thermometry (103)84
- Torzala, Terry, Pulmonary/Respiratory, Part 8—Ventilator Performance Testing (105)70
- University of Texas, Metabolism Measurement (104)129

- Vail, James D., Oneac Corporation, Protecting Digital Equipment from Power Line Disturbances, Part 1—System Sensitivity, The Electric Utility and Your Hospital Environment (108)90
- Van Lente, Frederick, Ph.D., and David Chou, M.D., The Cleveland Clinic Foundation, A Laboratory Computer System for the Critical Care Environment (103)94
- Vizy, Kalman N., Eastman Kodak Company, Electronic vs Film Imaging (105)102
- Wickersheim, K.A., Ph.D., and M.H. Sun, Ph.D., Luxtron Corp., Fluoroptic Thermometry (103)84

#### OPINIONS

- Alexander, T. Howard, Carolina Medical Electronics, Transcranial Doppler—The New Frontier (104)140
- Barker, Donald B., Cybermedic, Inc., Cardiopulmonary Stress Testing (108)133
- Barni, John, Picker International, High Performance CT Scanners Now Offer Increased Efficiency And Greater Capability (108)141
- Basch, Vladi, Dranetz Technologies, Inc., Line Monitoring Should Precede Line Protection (105)167
- Bilsker, David L., M.S., Biotronik Cardiac Pacemakers, Rate Adaptive Pacemaking Based On Temperature (104)200
- Bradley, Patrick, Quinton Instrument Co., Cardiopulmonary Testing—Present And Future (108)132
- Cleveland, Jack, Dynatech Computer Power, Inc., Powerline Transients— Choose Your Protection (105)152
- Corley, Richard P., Digital Equipment Corporation, PACS—Picture Archiving and Communications (106)145
- Dobbins, Michael, Dynatech, Mobile Mammography (106)139
- Engel, Bob, Hewlett-Packard Co., The Goal: Simple, Effective Defibrillator Products (107)118
- Faytinger, John, Quinton Instrument Co., Cardiopulmonary Testing—Present And Future (108)132
- Faytinger, John, Quinton Instruments, Personal Computers Increase Power And Flexibility Of Exercise Stress Testing (104)173

- Faytinger, John, Quinton Instrument, Technology Expands Markets (106)127
- Frost, Jack, Oxford Medical, Ambulatory ECG (106)125
- Goliash, Thomas, Advanced Video Products, Dicap—Direct Image Capture (108)150
- Guzzetta, Michael, Mennen Medical Inc., Monitor Modularity: A Traditional Concept Redefined (103)119
- Hessel, Allen W., Scale-Tronix Inc., All Scales Are Not Created Equal (105)133
- Lax, Louis C., M.D., Ambulatory Monitoring Laboratories, Computers Revolutionize ECG Analysis & Drug Delivery (106)123
- Lepler, Carolyn, Scale-Tronix, Inc., Neonatal Intensive Care Depends On Accurate Scale Measurements (108)172
- Lubocki, David, M.S.J.D., Del Mar Avionics, Detection And Prognosis Of Coronary Artery Disease By Exercise Testing (108)127
- Lubocki, David J., M.S.J.D., Del Mar Avionics, The Computerized ECG Interpretation Challenge (104)172
- Muller, Jens Dr., American Medical Education Foundation, Computerized Pulmonary Diagnostic Test Equipment Is Now Cost Effective (108)160
- North, Laurie, N-Squared Computing, Computer-Assisted Medical Diagnosis—A Future Trend (107)128
- Pinkerton, Hank, Fluid Metering Inc., Valveless Metering Pumps Aid Medical Research (105)145
- Ress, Joseph, Robert Bosch Corp., Automated Blood Pressure Measurements
  Can Be More Accurate Than Manual
  Measurements (104)148
- Rubin, Ron, Crystal Biotech, Inc., Blood Flow Technology Transfer Between Animal Research And Human Medicine (104)145
- Sramek, B. Bo, Bomed Medical Manufacturing Ltd., Cardiac Monitoring Is Changing (104)159
- Vail, James D., Oneac, Power Protection Consideration (105)152
- Warkentin, Dwight, Medtronic, Inc., Rate Responsive Pacing—Another Leap In Technology (104)201
- Weber, Joe, Sudbury Systems, Radiology Reporting—Will It Be Digital Dictation or Speech Recognition? (106)147
- Zorn, Franklin B., Marshall Electronics Inc., The Electronic Thermometer Market (105)127

